

#### ABSTRACT OF THE DISCLOSURE

Provided are a mating disruption agent toward the peach twig borer and a mating disruption method comprising the use of the mating disruption agent. The attraction inhibition of this mating disruption agent, which gets rid of harmful insects without the use of insecticide, is extremely effective and flawless right up to the post harvest of fruits such as peaches. More specifically, provided is a mating disruption agent comprising 5-decenyl acetate having an E/Z ratio of 65/35 to 100/0 and 5-decen-1-ol having an E/Z ratio of 65/35 to 100/0 wherein the 5-decen-1-ol is 10% by weight or less based on total weight of the 5-decenyl acetate and 5-decen-1-ol. Also provided is a method of peach twig borer mating disruption comprising use of the mating disruption agent.